

Amendments to the Specification

Please replace the first paragraph of the description of the first embodiment with the following amended paragraph:

The way the new design feature works is explained by the illustration in FIG. 6. The closed arrows denote the flow of flux from the P1 to the P2 pole for a low or medium write current of less than 40 mA. However, for a high write current (larger than 40 mA), the P1 pedestal becomes magnetically saturated in constricted region 45 (P1B), causing excess flux to go through to P2. from the backside of 62 (P1C) as indicated by open white arrow 61. This prevents said excess flux from appearing at the ABS at the P1 shoulder. As shown in FIG. 6, the inner surfaces of elements 45 and 62 are coplanar.

Please replace the second paragraph of the description of the fourth embodiment with the following amended paragraph:

W1 between about 0.6 and 2 microns; W2 between about 1.4 and 2.6 microns; H1 between about 0.6 and 2.5 microns; H2 between about 1 and 5 microns; and H3 between about 0.5 and 2 microns. As shown in FIG. 13, the elements denoted by heights H1 and H2 are coplanar for both their inner and outer surfaces.